Amendments to the claims:

Claims 1-18: (canceled)

19. (currently amended) A wiper blade for windows ~~, in particular of motor vehicles~~, comprising:

~~with~~ at least one support element (12), a wiper strip (14), and a connecting device (16) for a wiper arm (18), wherein the support element (12) is an elongated, flat bar to which the wiper strip (14) and the connecting device (16) are attached, ~~characterized in that~~ wherein the support element (12) has a cross sectional profile in which

$$\frac{F_{wf} * L^2}{48 * E * I_{zz}} < 0.009,$$

where F_{wf} is ~~the~~ an actual contact force exerted on the wiper blade by the wiper arm (18) or is ~~the~~ a contact force for which the wiper blade was originally designed, L is ~~the~~ a length of the support element (12), E is ~~the~~ an elasticity modulus of the support element (12), and I_{zz} is ~~the~~ a moment of inertia of ~~the~~ a cross sectional profile around ~~the~~ a z-axis perpendicular to an s-axis, which adapts along with the support element (12), and perpendicular to a y-axis, wherein the support element (12) has a substantially rectangular cross sectional profile (40), with a substantially constant width b and a substantially constant thickness d.

20. (currently amended) The wiper blade according to claim 19, ~~characterized in that~~ wherein

$$\frac{F_{wf} * L^2}{48 * E * I_{zz}} < 0.005.$$

21. (canceled)

22. (currently amended) The wiper blade according to claim 19, ~~characterized in that~~ wherein the support element (12) is comprised of at least two individual bars (42, 44) and ~~that~~ wherein ~~the~~ widths (b1, b2) of the individual bars (42, 44) add up to a total width b.

23. (currently amended) The wiper blade according to claim 19, ~~characterized in that~~ wherein the width b and the thickness d of the support element (12) are selected so that

$$\frac{F_{wf} * L^2}{4 * E * d * b^3} < 0.009.$$

24. (currently amended) The wiper blade according to claim 19, ~~characterized in that~~ wherein the width b and the thickness d of the flat bar are selected so that

$$\frac{F_{wf} * L^2}{4*E*d*b^3} < 0.005.$$

25. (currently amended) A wiper blade for windows ~~, in particular of motor vehicles~~, comprising: ~~with~~

at least one support element (12), a wiper strip (14), and a connecting device (16) for a wiper arm (18), wherein the support element (12) is an elongated, flat bar to which the wiper strip (14) and the connecting device (16) are attached, ~~in particular according to one of the preceding claims,~~

~~characterized in that~~ wherein the support element (12) has a cross sectional profile (40) which produces a lateral deflection angle of at least one of the support element ends in relation to ~~the~~ a longitudinal span of the support element of $\gamma < 0.5°$ ~~, in particular < 0.3°~~ against the window (26), when the wiper blade is moved on the window (26) lateral to its longitudinal span, and the friction coefficient between the window (26) and the wiper strip (14) is approximately 1, wherein the support element (12) has a substantially rectangular cross sectional profile (40), with a substantially constant width b and a substantially constant thickness d..

26. (currently amended) A wiper blade for windows, ~~in particular of motor vehicles, with~~ comprising:

at least one support element (12), a wiper strip (14), and a connecting device (16) for a wiper arm (18), wherein the support element (12) is an

elongated, flat bar to which the wiper strip (14) and the connecting device (16) are attached, ~~in particular according to one of the preceding claims, characterized in that~~ wherein the support element has a length L, a width b, and a thickness d such that

$20L^2 < bd^2 < 40L^2$

in which L is given in meters and b and d are given in millimeters, wherein the support element (12) has a substantially rectangular cross sectional profile (40), with a substantially constant width b and a substantially constant thickness d..

27. (currently amended) The wiper blade according to claim 26, ~~characterized in that~~ wherein the support element is comprised of two spring bars, wherein each spring bar has a width and wherein the widths of the spring bars ~~whose widths are~~ added ~~to each other~~ together.

28. (currently amended) A wiper blade for windows (15) ~~, in particular of motor vehicles, with~~ comprising:

at least one elongated support element (12), a wiper strip (14), and a connecting device (16) for a wiper arm (18) which presses the wiper blade (10) against the window (15) in an operating position, wherein the support element (12) is an elongated, flat bar to which the wiper strip (14) and the connecting device (16) are attached, and which has a curvature when it is not loaded by the wiper arm (18), ~~in particular according to one of the preceding claims,~~

~~characterized in that~~ wherein the curvature along a coordinate (s), which follows ~~the~~ a longitudinal span of the support element (12), has values such that ~~the~~ a second derivative of the curvature as a function of this coordinate (s) is essentially proportional to a contact force distribution p (s), which is produced when the wiper blade (10) is pressed against a flat window (15), and ~~that~~ wherein the contact force distribution decreases toward at least one end, wherein the support element (12) has a substantially rectangular cross sectional profile (40), with a substantially constant width b and a substantially constant thickness d..

29. (currently amended) The wiper blade according to claim 28, ~~characterized in that~~ wherein

$$\frac{d^2K(s)}{ds^2} = \frac{d^2M(s)}{ds^2} * E * I = \frac{p(s)}{E * I}$$

s = coordinate along the support element

K(s) = curvature of the support element

M(s) = bending moment

E = elasticity modulus

I = surface moment of inertia of the support element in relation to ~~the~~ a neutral axis

p(s) = specific force per unit length = contact force distribution

30. (currently amended) A wiper blade for windows (15), ~~in particular of motor vehicles,~~ comprising:

~~with~~ at last one elongated support element (12), a wiper strip (14), and a connecting device (16) for a wiper arm (18) which presses the wiper blade (10) against the window (15) in an operating position, wherein the support element (12) is an elongated, flat bar to which the wiper strip (14) and the connecting device (16) are attached, and which has a curvature when it is not loaded by the wiper arm (18), ~~in particular according to one of the preceding claims, characterized in that~~ wherein the curvature along a coordinate (s), which follows ~~the~~ a longitudinal span of the support element (12), has values such that ~~the~~ a second derivative of the curvature as a function of this coordinate (s) minus the second derivative of the curvature of the window (15) decreases from a middle region (40) toward ~~the ends~~ end regions, wherein the support element (12) has a substantially rectangular cross sectional profile (40), with a substantially constant width b and a substantially constant thickness d..

31. (currently amended) The wiper blade according to claim 30, ~~characterized in that~~ wherein the middle region (40) is ~~the~~ a location of the connecting device (16).

32. (currently amended) The wiper blade according to claim 30, ~~characterized in that~~ wherein

$$\frac{d^2K(s)}{\quad} = \frac{p(s)}{\quad} + \frac{d^2 K_{window}(s)}{\quad}$$

$$\frac{ds^2}{} \quad \frac{E * I}{} \quad \frac{ds^2}{}$$

s = coordinate along the support element

K(s) = curvature of the support element

M(s) = bending moment

E = elasticity modulus

I = surface moment of inertia of the support element in relation to ~~the~~ a neutral axis

p(s) = specific force per unit length = contact force distribution

33. (currently amended) A wiper blade for windows (15), ~~in particular of motor vehicles,~~ comprising:

~~with~~ at least one elongated support element (12), a wiper strip (14), and a connecting device (16) for a wiper arm (18) which presses the wiper blade (10) against the window (15) in an operating position, wherein the support element (12) is an elongated, flat bar to which the wiper strip (14) and the connecting device (16) are attached, and which has a curvature when it is not loaded by the wiper arm (18), ~~in particular according to one of the preceding claims, characterized in that~~ wherein the curvature along a coordinate (s), which follows ~~the~~ a longitudinal span of the support element (12), has values such that ~~the~~ a contact force distribution p(s), which prevails when the wiper blade (10) is pressed against a flat window (15) is greater in a region (40) approximately halfway between ~~the~~ a center and ~~the~~ an end of the wiper blade (10) than it is at

the end of the wiper blade (10), wherein the support element (12) has a substantially rectangular cross sectional profile (40), with a substantially constant width b and a substantially constant thickness d..

34. (currently amended) A wiper blade for windows (15), ~~in particular of motor vehicles, with~~ comprising:

at least one elongated support element (12), a wiper strip (14), and a connecting device (16) for a wiper arm (18) which presses the wiper blade (10) against the window (15) in an operating position, wherein the support element (12) is an elongated, flat bar to which the wiper strip (14) and the connecting device (16) are attached, and which has a curvature when it is not loaded by the wiper arm (18), ~~in particular according to one of the preceding claims, characterized in that~~ wherein the curvature along a coordinate (s), which follows ~~the~~ a longitudinal span of the support element (12), has values such that ~~the~~ a contact force distribution p (s), which prevails when the wiper blade (10) is pressed against the window (15) to be wiped, is greater in a region ~~(40)~~ approximately halfway between ~~the~~ a center and ~~the~~ an end of the wiper blade (10) than it is at the end of the wiper blade (10), wherein the support element (12) has a substantially rectangular cross sectional profile (40), with a substantially constant width b and a substantially constant thickness d..

35. (currently amended) A method for producing a wiper blade assembly according to claim 19, ~~characterized by means of~~ comprising the following ~~process~~ steps:

~~determination of~~ determining the length L and adapted contact force F_{wf} required for the window to be wiped,

~~determination of~~ determining ~~the~~ a width b and ~~the~~ a thickness d,

~~determination of the~~ determining a curvature progression K(s),

bending ~~of~~ the support element,

~~connection of~~ connecting the supporting element, wiper strip, and connecting device.

36. (currently amended) The method according to claim 35, ~~characterized by means of~~ comprising the following ~~process~~ steps:

- ~~determination of~~ determining the length L and the cross sectional profile, particularly the width b and the thickness d by means of experimental values,
- ~~determination of~~ determining a contact force F_{wf} and a contact force distribution p for a flat window, which assures a favorable wiping quality, likewise by means of experimental values,
- ~~measurement of~~ measuring the curvature progression K_{window} of the window,
- double derivation of this curvature progression K_{window} of the window as a function of a coordinate that adapts along with the curvature,

- ~~calculation of~~ calculating the second derivative of the curvature progression K(s) of the support element according to ~~the~~ an above relation,

- double integration yields ~~the~~ a desired curvature progression K(s) of the support element.

37. (new) The wiper blade according to claim 25, wherein the longitudinal span is < 0.3°.